

1 **WHAT IS CLAIMED IS:**

2 1. A paper container comprising:
3 a base disk; and
4 a peripheral wall having a ledge extending from a bottom edge of the peripheral
5 wall to engage with a bottom face of the base disk, a side wall integrally formed with
6 and adjacent to the ledge and having an inner surface to engage with a peripheral edge of
7 the base disk, a knurl formed between the ledge and the side wall for engagement with a
8 surface and a lip ring formed on a top edge of the peripheral wall such that an annular
9 space is formed between the base disk and the peripheral wall.

10 2. The paper container as claimed in claim 1, wherein a bend is formed on the
11 peripheral edge of the base disk to engage with the inner surface of the side wall of the
12 peripheral wall.

13 3. The paper container as claimed in claim 2, wherein the ledge extends in a first
14 direction and the lip ring extends in a second direction opposite to the first direction.

15 4. A paper container comprising:
16 a base disk having a knurl formed adjacent to a peripheral edge of the base disk;
17 a peripheral wall having a ledge formed on a bottom edge of the peripheral wall,
18 a side wall integrally formed with and adjacent to the ledge and a lip ring formed on a
19 top edge of the peripheral wall, such that an engagement between an outer surface of the
20 side wall and an inner face of the peripheral edge of the base disk combines the base disk
21 and the peripheral wall.

22 5. The paper container as claimed in claim 4, wherein a bend is formed on the
23 peripheral edge of the base disk for engagement with the outer surface of the side wall.

24 6. The paper container as claimed in claim 5, wherein an annular space is

1 defined between the base disk and the peripheral wall.